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APPLICANT

Mutsuhiko OISHI, et al.

FILING DATE

April 7, 2006

GROUP

Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CORRESPONDENT	DISCUSSED AND CITED IN SPEC? (IF SO, INSERT PAGE AND LINE NUMBER WHERE CITED)
	4,679,227	07/1987	Hughes-Hartogs		

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CORRESPONDENT	TRANSLATION?	DISCUSSED AND CITED IN SPEC? (IF SO, INSERT PAGE AND LINE NUMBER WHERE CITED)
03/061153	07/2003	WO		Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

DISCUSSED AND CITED IN SPEC?
(IF SO, INSERT PAGE AND LINE NUMBER WHERE CITED)

European Search Report under Rule 112 EPC dated October 29, 2007.	
B. Hirosaki, et al., "A 19.2 KBPS Voiceband Data Modem Based on Orthogonally Multiplexed QAM Techniques," International Conference on Communications, Chicago, June 23-26, 1985, New York, IEEE, US, Vol. 2, June 23, 1985, pp. 661-665.	
P. Chow, et al., "A Practical Discrete Multitone Transceiver Loading Algorithm For Data Transmission Over Spectrally Shaped Channels," IEEE Transactions on Communications, IEEE Service Center, Piscataway, NJ, US, Vol. 43, No. 2/4, Part 2, February 1, 1995, pp. 773-775.	
R. Stolle, "Electromagnetic Coupling of Twisted Air Cables," IEEE Jopurnal on Selected Areas in Communications, IEEE Inc. New Your, US, June 2002, pp. 883-892.	

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 (6-4))

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /L.P./